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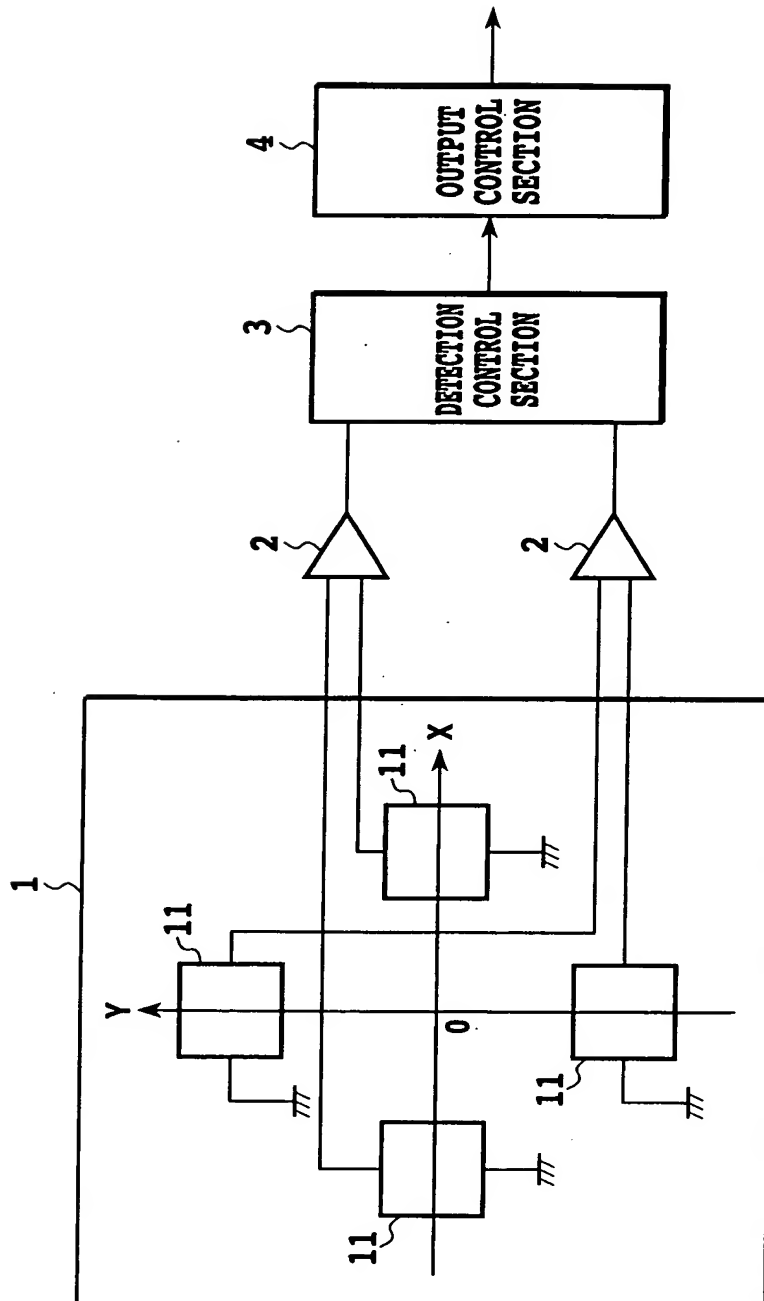


FIG.1
(PRIOR ART)

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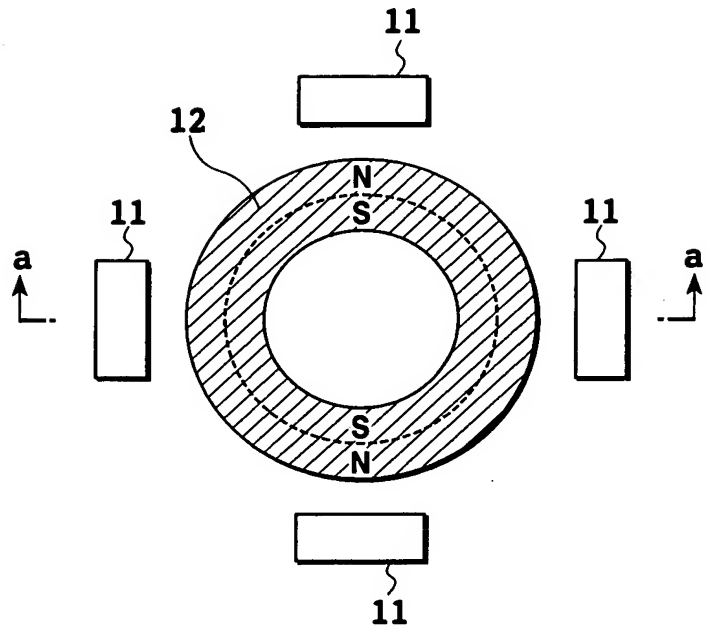


FIG. 2A

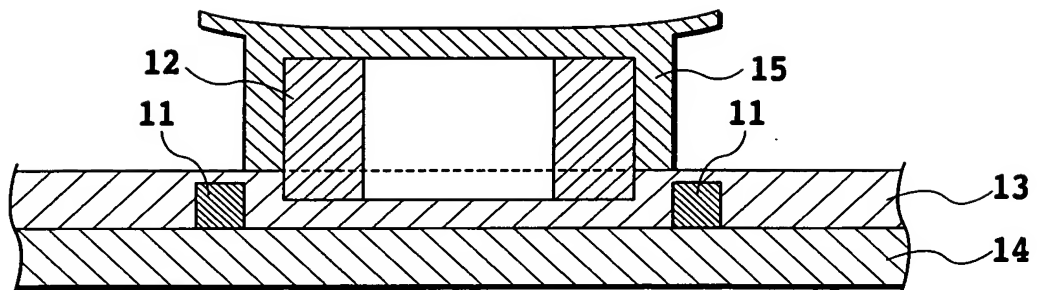


FIG. 2B

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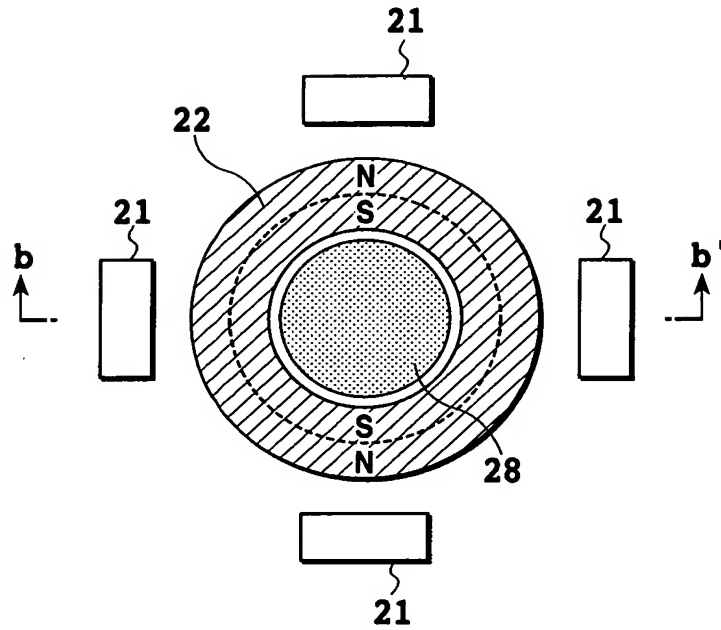


FIG. 3A

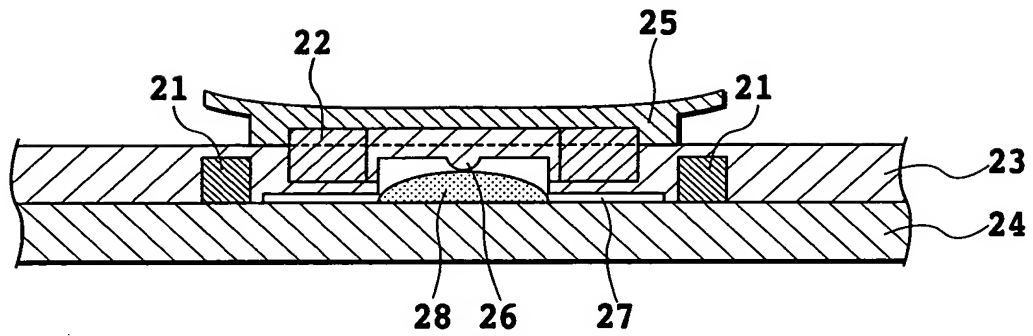


FIG. 3B

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FIG.4A

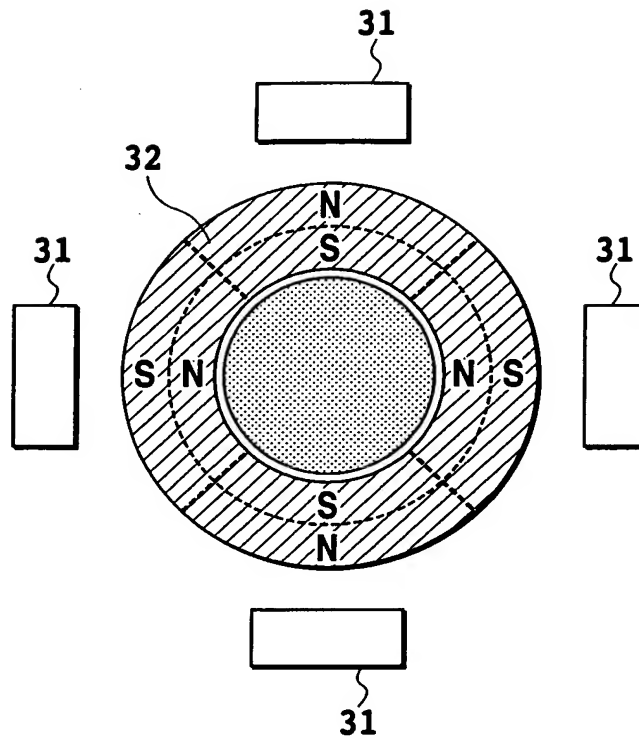
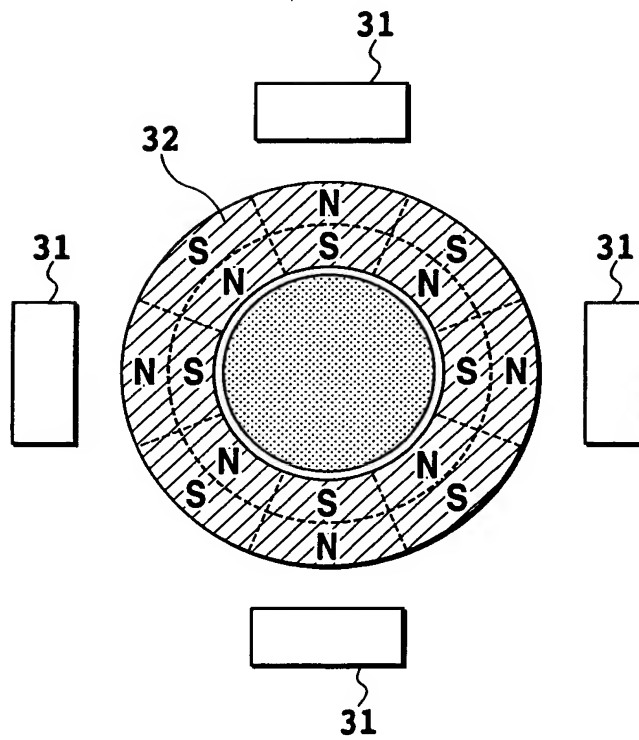


FIG.4B



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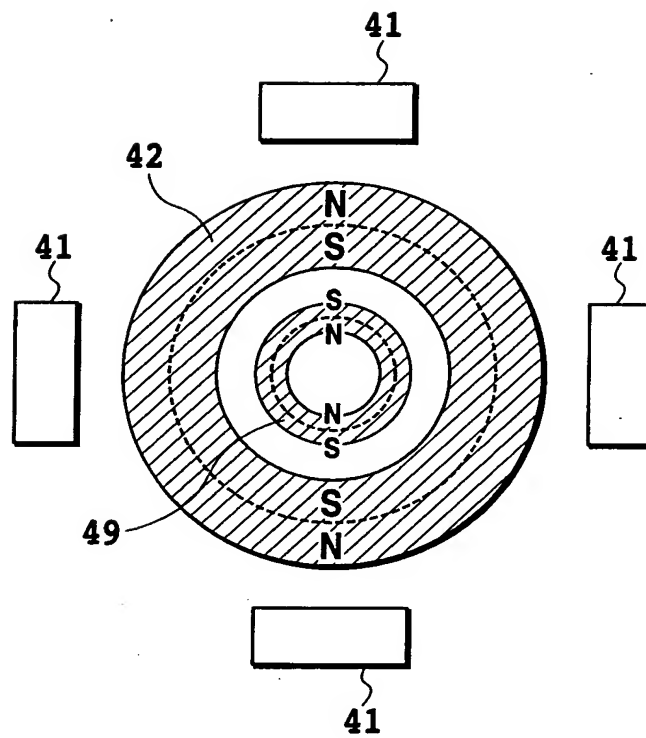


FIG.5

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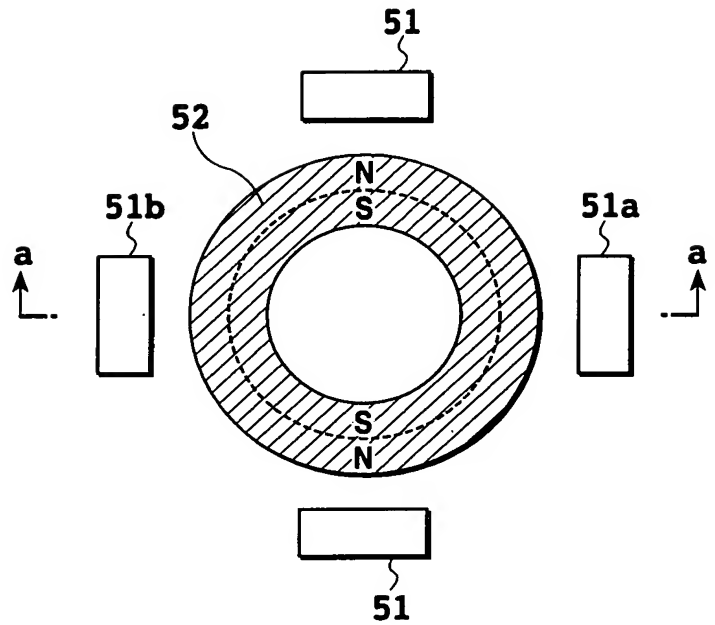


FIG. 6A

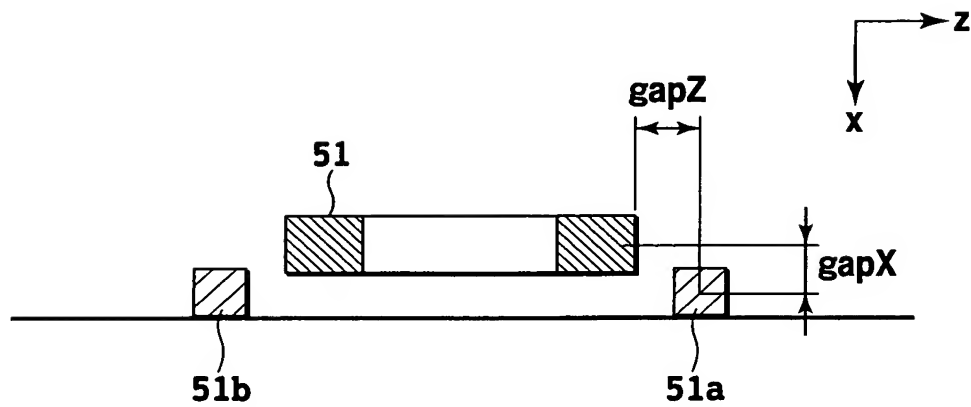
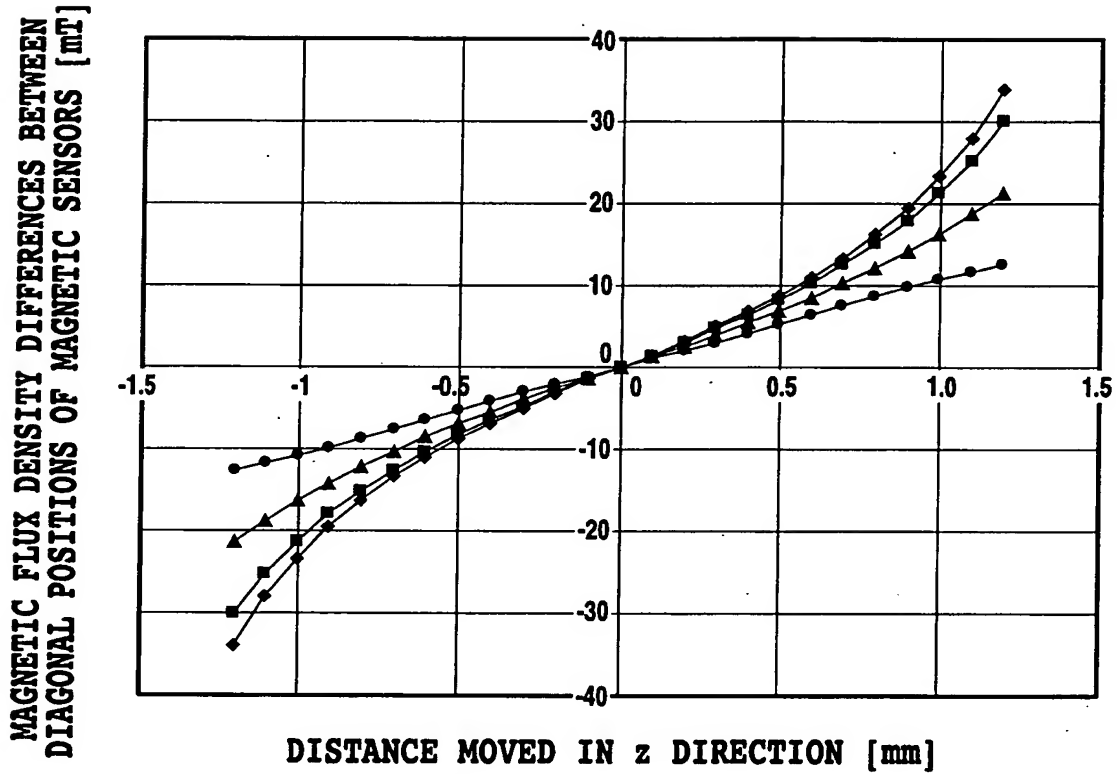


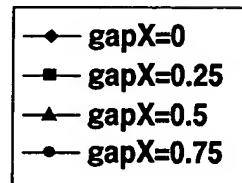
FIG. 6B

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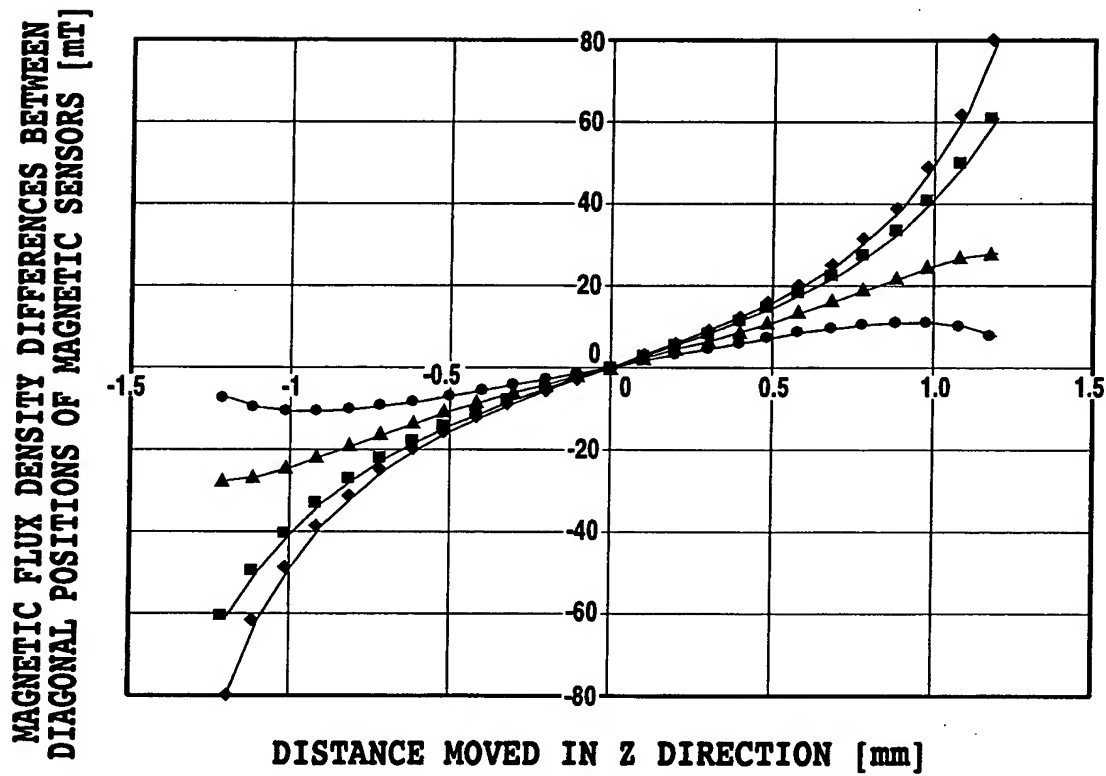


OUTPUT CHARACTERISTICS OF POINTING DEVICE @gapZ=2mm
 (MAGNETIC FORCE SIZE: $\phi 13 \times \phi 8.8 \times 0.5t$,
 COERCIVE FORCE 460 kA/m, CALCULATED VALUES)

FIG.7

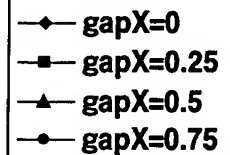


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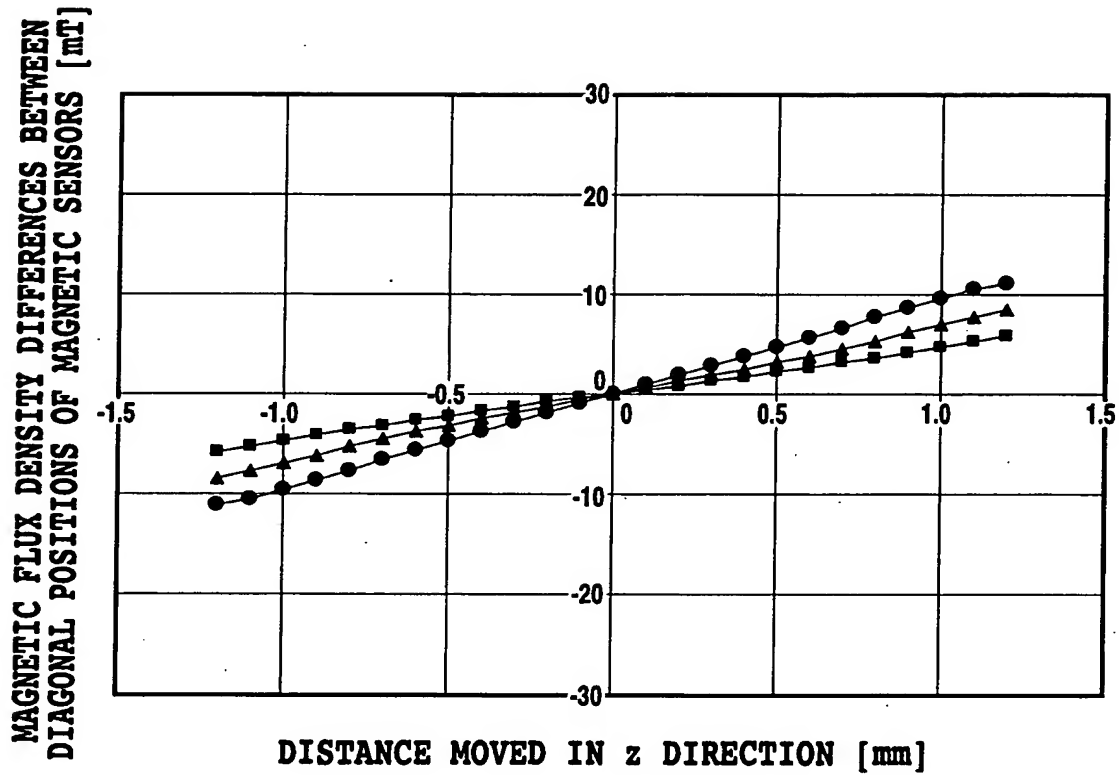


OUTPUT CHARACTERISTICS OF POINTING DEVICE @gapZ=1.6mm
(MAGNETIC FORCE SIZE: $\phi 13 \times \phi 8.8 \times 0.5t$,
COERCIVE FORCE 460 kA/m, CALCULATED VALUES)

FIG.8

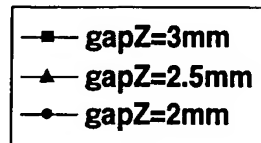


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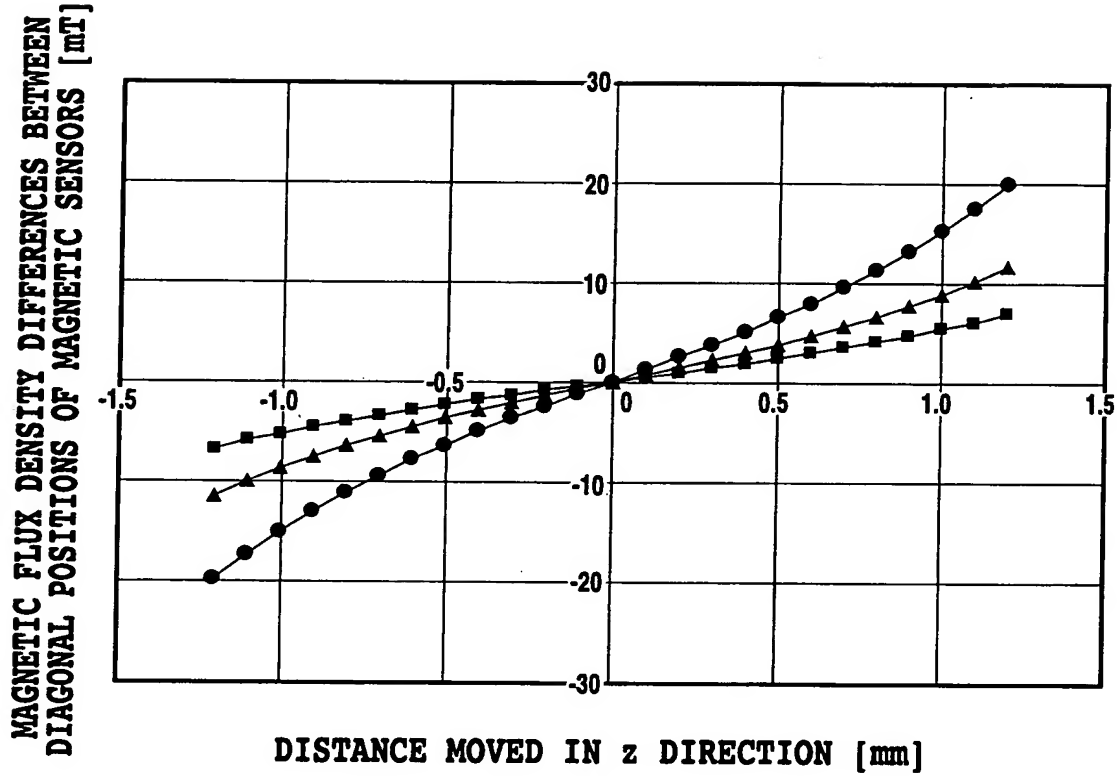


OUTPUT CHARACTERISTICS OF POINTING DEVICE
 (MAGNETIC FORCE SIZE: $\phi 11.78 \times \phi 5 \times 0.485t$, CALCULATED VALUES)

FIG.9

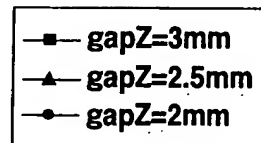


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OUTPUT CHARACTERISTICS OF POINTING DEVICE
 (MAGNETIC FORCE SIZE: $\phi 11.78 \times \phi 5 \times 0.485t$, CALCULATED VALUES)

FIG.10



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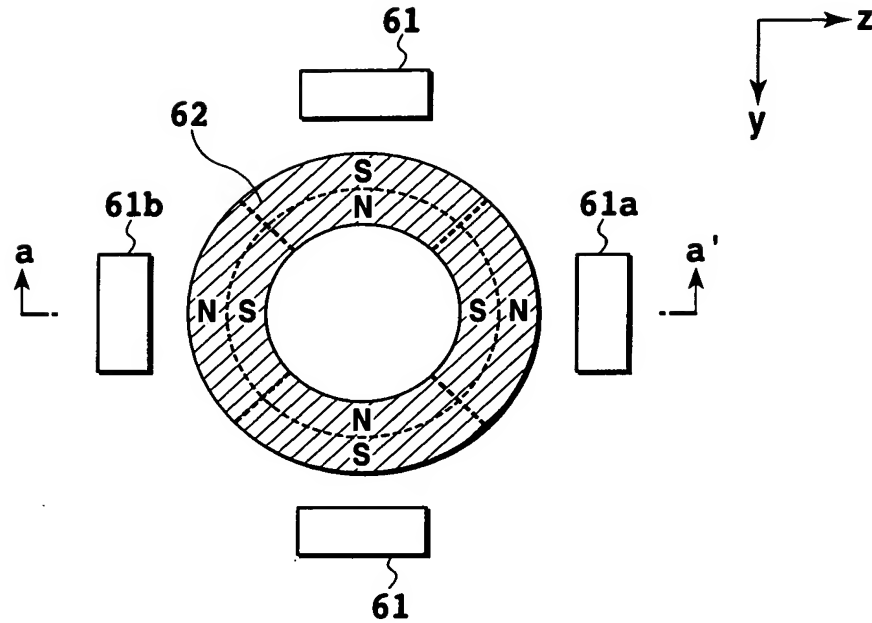


FIG. 11A

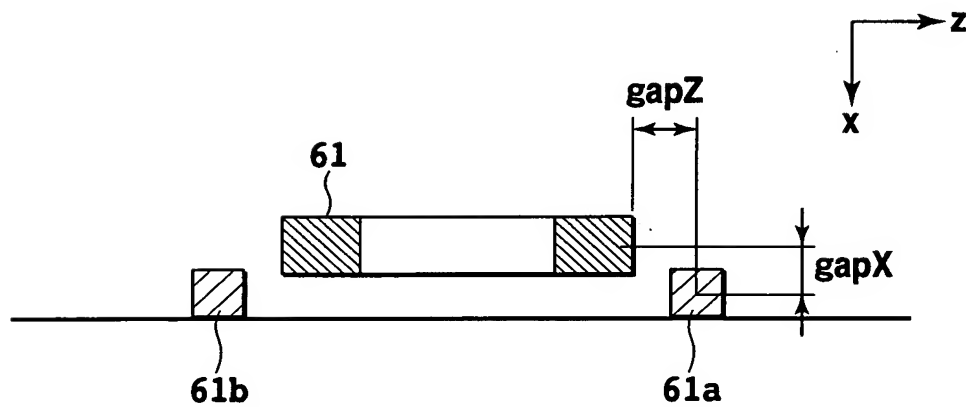


FIG. 11B

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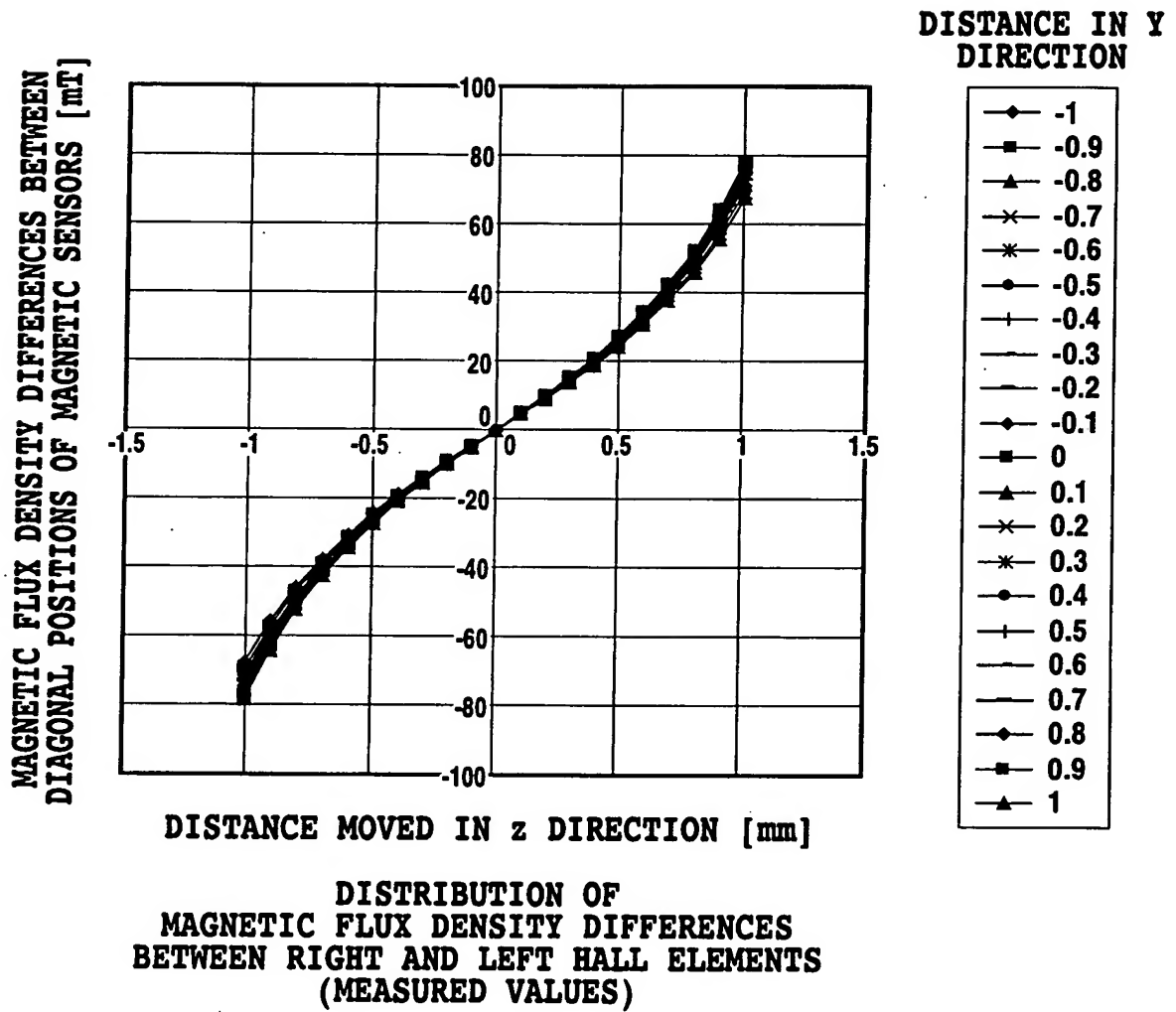


FIG.12

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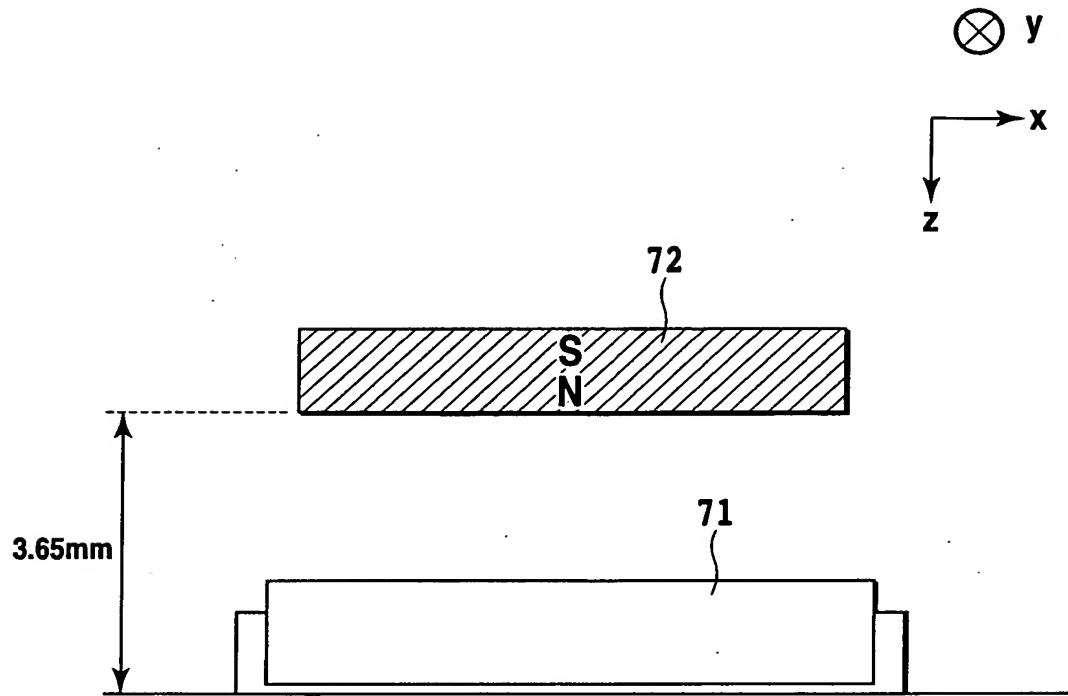


FIG.13
(PRIOR ART)

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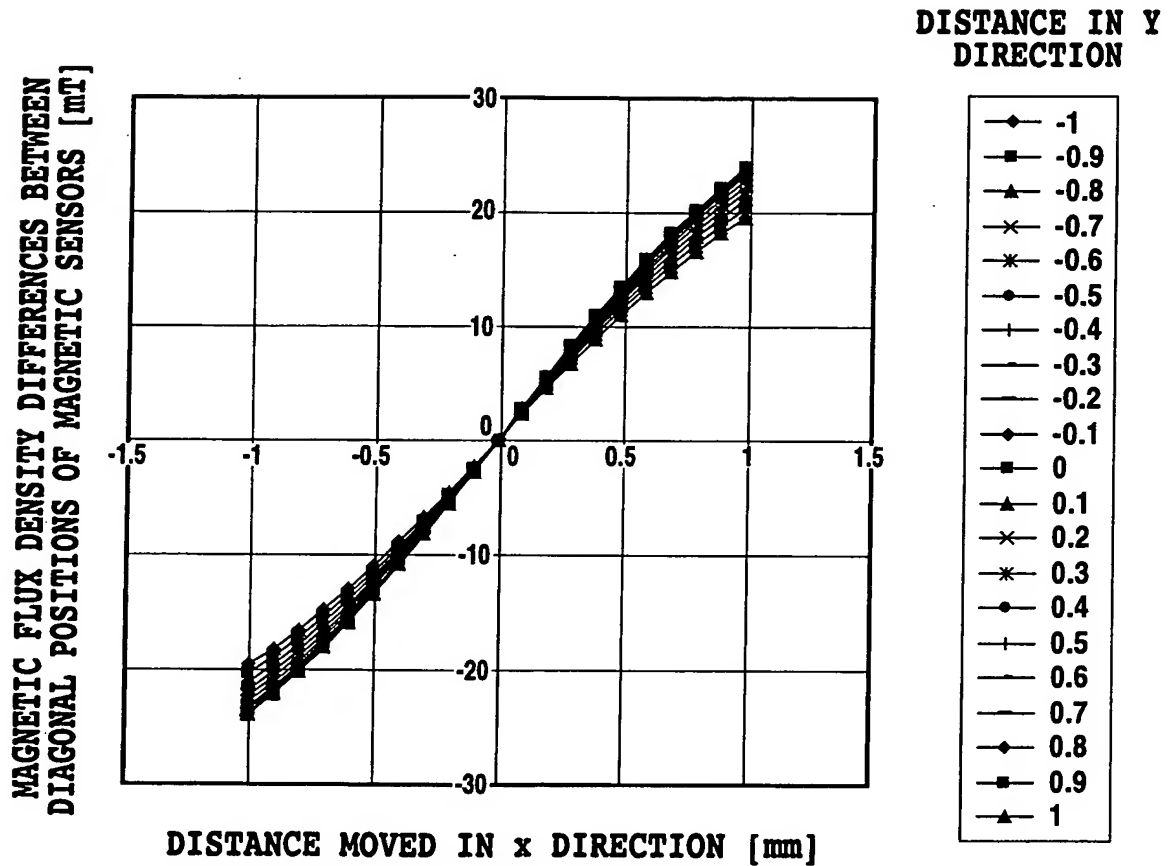


FIG.14
(PRIOR ART)